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... possible entry point of the **virus** decryptor can be identified in a **virus**-specific
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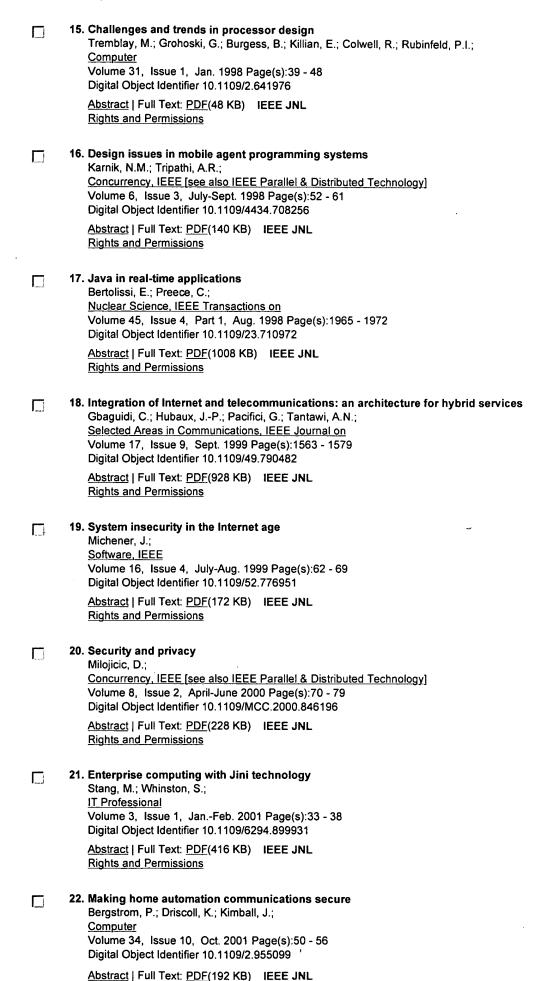Abstract | Full Text: PDF(1228 KB)   **IEEE JNL**
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September 1992     **Proceedings of the 5th workshop on ACM SIGOPS European workshop: Models and**
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This position paper supports the view that a model based on shared objects is an attractive alternative to mess
operating system should provide support for shared persistent objects. The paper reviews several recently proj

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An organized record of actual flaws can be useful to computer system designers, programmers, analysts, admi
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Anup K. Ghosh, Tara M. Swaminatha
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## 4   Virtual Java/FPGA interface for networked reconfiguration

Yajun Ha, Geert Vanmeerbeeck, Patrick Schaumont, Serge Vernalde, Marc Engels, Rudy Lauwereins, Hugo De Mar
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A virtual interface between Java and FPGA for networked reconfiguration is presented. Through the Java/FPGA
for both functional flexibility and performance acceleration. At the same time, the interface is platform indepen
applications with only one interface in mind when considering the interfacing issues. The virtual interface is par

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Brian Christeson, John D. Mitchell
October 1996 **Linux Journal**
**Publisher:** Specialized Systems Consultants, Inc.

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Laurent Bernardin, Bruce Char, Erich Kaltofen

July 1999　　**Proceedings of the 1999 international symposium on Symbolic and algebraic computation**

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**7** <u>NetNews</u>

Dennis Fowler

June 1999 **netWorker**, Volume 3 Issue 2

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**8** <u>Interposition agents: transparently interposing user code at the system interface</u>

Michael B. Jones

December 1993　　**ACM SIGOPS Operating Systems Review , Proceedings of the fourteenth ACM sympc**

**Publisher:** ACM Press

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　　Many contemporary operating systems utilize a system call interface between the operating system and its clie
intercepting and handling system calls in user code. Nonetheless, they typically provide no higher-level tools o
typically required reimplementation of a substantial portion of the system interface from scratch, making the u

**9** <u>Programming portfolios on the Web: an interactive approach</u>

John K. Estell

October 2000　　**Journal of Computing Sciences in Colleges**, Volume 16 Issue 1

**Publisher:** Consortium for Computing Sciences in Colleges , Consortium for Computing Sciences in Colleges , Consortium fo

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**10** <u>Ada and Java on the WWW</u>

Robert G. Munck, Richard F. Hilliard

May 1997　　　　**ACM SIGAda Ada Letters**, Volume XVII Issue 3

**Publisher:** ACM Press

Full text available: pdf(745.26 KB)　　　　　　Additional Information: <u>full citation</u>, <u>abstract</u>, <u>index terms</u>

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**11** <u>A secure execution framework for Java</u>

Manfred Hauswirth, Clemens Kerer, Roman Kurmanowytsch

November 2000 **Proceedings of the 7th ACM conference on Computer and communications security**

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**1**  ## Computer virus-antivirus coevolution                                                           ■

Carey Nachenberg
January 1997 **Communications of the ACM**, Volume 40 Issue 1
**Publisher:** ACM Press
Full text available: 📄 pdf(317.53 KB)   Additional Information: full citation, citings, index terms, review

**2**  ## The structure and performance of interpreters                                                   ▬

Theodore H. Romer, Dennis Lee, Geoffrey M. Voelker, Alec Wolman, Wayne A. Wong, Jean-Loup Baer, Brian N. Bershad, Henry M. Levy
September 1996 **ACM SIGPLAN Notices , ACM SIGOPS Operating Systems Review , Proceedings of the seventh international conference on Architectural support for programming languages and operating systems ASPLOS-VII**, Volume 31 , 30 Issue 9 , 5
**Publisher:** ACM Press

Full text available: 📄 pdf(1.17 MB)   Additional Information: full citation, abstract, references, citings, index terms

Interpreted languages have become increasingly popular due to demands for rapid program development, ease of use, portability, and safety. Beyond the general impression that they are "slow," however, little has been documented about the performance of interpreters as a class of applications.This paper examines interpreter performance by measuring and analyzing interpreters from both software and hardware perspectives. As examples, we measure the MIPSI, Java, Perl, and Tcl interpreters running an ...

**3**  ## Technical Session: Creating the Standard Desktop Environment in a Non-Standard World              ▬

Catherine Yang
October 2001 **Proceedings of the 29th annual ACM SIGUCCS conference on User services**
**Publisher:** ACM Press
Full text available: 📄 pdf(169.15 KB)   Additional Information: full citation, abstract, references, index terms

The purpose of this paper is to give user services staff an overview of issues to consider when trying to standardize desktop environments and deliver software upgrades to faculty, staff and students, as well as to provide some tried and true solutions to these problems.

**4**  ## Induction of models under uncertainty                                                            ▬

P Cheeseman
December 1986 **Proceedings of the ACM SIGART international symposium on Methodologies for intelligent systems**

**Publisher:** ACM Press

Full text available: pdf(977.45 KB)    Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

This paper outlines a procedure for performing induction under uncertainty. This procedure uses a probabilitic representation and uses Bayes' theorem to decide between alternative hypotheses (theories). This procedure is illustrated by a robot with no prior world experience performing induction on data it has gathered about the world. The particular inductive problem is the formation class descriptions both for the tutored and untutored cases. The resulting class definitions are inherenty p ...

**5**  There's gold in them thar networks! or searching for treasure in all the wrong places

Jerry Martin

November 1993 **Proceedings of the 21st annual ACM SIGUCCS conference on User services**

**Publisher:** ACM Press

Full text available: pdf(1.60 MB)    Additional Information: <u>full citation</u>, <u>index terms</u>

**6**  There's gold in them thar networks!: or searching for treasure in all the wrong places

Jerry Martin

December 1992 **Proceedings of the 20th annual ACM SIGUCCS conference on User services**

**Publisher:** ACM Press

Full text available: pdf(1.50 MB)  .  Additional Information: <u>full citation</u>, <u>index terms</u>

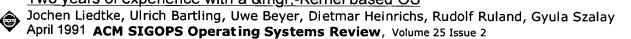**7**  The evolving support toolbox or redistributed support

John Hawkins

September 1991 **Proceedings of the 19th annual ACM SIGUCCS conference on User services**

**Publisher:** ACM Press

Full text available: pdf(594.77 KB)    Additional Information: <u>full citation</u>, <u>index terms</u>

**8**  Two years of experience with a &mgr;-Kernel based OS

Jochen Liedtke, Ulrich Bartling, Uwe Beyer, Dietmar Heinrichs, Rudolf Ruland, Gyula Szalay

April 1991 **ACM SIGOPS Operating Systems Review**, Volume 25 Issue 2
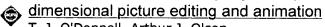
**Publisher:** ACM Press

Full text available: pdf(829.22 KB)    Additional Information: <u>full citation</u>, <u>abstract</u>, <u>citings</u>, <u>index terms</u>

This paper describes the basic components of the L3 operating system and the experiences of the first two years using it. The system results from scientific research, but is addressed to commercial application. It is based on a small kernel handling tasks, threads and dataspaces. User level device drivers and file systems are described as examples of flexible OS services realized outside the kernel.

**9**  GRAMPS - A graphics language interpreter for real-time, interactive, three-dimensional picture editing and animation

T. J. O'Donnell, Arthur J. Olson

August 1981 **ACM SIGGRAPH Computer Graphics , Proceedings of the 8th annual conference on Computer graphics and interactive techniques SIGGRAPH '81**, Volume 15 Issue 3

**Publisher:** ACM Press

Full text available: pdf(1.19 MB)    Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

GRAMPS, a graphics language interpreter has been developed in FORTRAN 77 to be used in conjunction with an interactive vector display list processor (Evans and Sutherland Multi-Picture-System). Several of the features of the language make it very useful and convenient for real-time scene construction, manipulation and animation. The GRAMPS

language syntax allows natural interaction with scene elements as well as easy, interactive assignment of graphics input devices. GRAMPS facilitates the ...

**Keywords**: Graphics language interpreter, Picture editor, Real-time animation, Vector display list processor

**10** <u>Interposition agents: transparently interposing user code at the system interface</u>

Michael B. Jones

December 1993 **ACM SIGOPS Operating Systems Review , Proceedings of the fourteenth ACM symposium on Operating systems principles SOSP '93**, Volume 27 Issue 5

**Publisher:** ACM Press

Full text available: <u>pdf(1.55 MB)</u>     Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

Many contemporary operating systems utilize a system call interface between the operating system and its clients. Increasing numbers of systems are providing low-level mechanisms for intercepting and handling system calls in user code. Nonetheless, they typically provide no higher-level tools or abstractions for effectively utilizing these mechanisms. Using them has typically required reimplementation of a substantial portion of the system interface from scratch, making the use of such facilitie ...

**11** <u>Technical Session: Supporting ubiquitous computing through directory enabled technologies</u>

Michael Richichi, Paul Coen

October 2001 **Proceedings of the 29th annual ACM SIGUCCS conference on User services**

**Publisher:** ACM Press

Full text available: <u>pdf(285.27 KB)</u>     Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

Drew has been providing computers to students since 1984. Many universities have ubiquitous computing programs where students receive a laptop computer as part of their educational package. These programs reduce the dependence on and management issues of traditional computer labs, and allow 24x7 computing access to every student at the University. Drew also provides Novell Directory Services (NDS) accounts to all of these students, and utilizes Novell ZENworks to customize software, personalize ...

**Keywords**: LDAP, ZENworks, directory services, eDirectory, laptop programs, management, ubiquitous computing

**12** <u>Level II technical support in a distributed computing environment</u>

Tim Leehane

September 1996 **Proceedings of the 24th annual ACM SIGUCCS conference on User services**

**Publisher:** ACM Press

Full text available: <u>pdf(5.73 MB)</u>     Additional Information: <u>full citation</u>, <u>references</u>, <u>index terms</u>

**13** <u>Risks to the public in computers and related systems</u>

Peter G. Neumann

July 1996 **ACM SIGSOFT Software Engineering Notes**, Volume 21 Issue 4

**Publisher:** ACM Press

Full text available: <u>pdf(809.60 KB)</u>     Additional Information: <u>full citation</u>, <u>index terms</u>

**14** <u>Maintaining authenticated communication in the presence of break-ins</u>

Ran Canetti, Shai Halevi, Amir Herzberg

August 1997 **Proceedings of the sixteenth annual ACM symposium on Principles of distributed computing**

Publisher: ACM Press

Full text available: pdf(1.27 MB)     Additional Information: <u>full citation</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

**15** <u>It's out there, somewhere..., but what's available, and how can I access it?</u>

James A. Muir

September 1991 **Proceedings of the 19th annual ACM SIGUCCS conference on User services**

Publisher: ACM Press

Full text available: pdf(459.25 KB)    Additional Information: <u>full citation</u>, <u>index terms</u>

**16** <u>Computer immunology</u>

Stephanie Forrest, Steven A. Hofmeyr, Anil Somayaji

October 1997 **Communications of the ACM**, Volume 40 Issue 10

Publisher: ACM Press

Full text available: pdf(460.66 KB)    Additional Information: <u>full citation</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

**17** <u>Attack propagation in networks</u>

Sotiris Nikoletseas, Grigorios Prasinos, Paul Spirakis, Christos Zaroliagis

July 2001 **Proceedings of the thirteenth annual ACM symposium on Parallel algorithms and architectures**

Publisher: ACM Press

Full text available: pdf(487.64 KB)     Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

A new model for intrusion and its propagation through various attack schemes in networks is considered. The model is characterized by the number of network nodes, and two parameters $f$ and $g$. Parameter $f$ represents the probability of failure of an attack to a node and is a gross measure of the level of security of the attacked system and perhaps of the in truder's skills; $g$ represents a limit on the number of attacks that the intrusion software can ever try, when it ...

**18** <u>Software theft and the problem of intellectual property rights</u>

Tom Forester

March 1990 **ACM SIGCAS Computers and Society**, Volume 20 Issue 1

Publisher: ACM Press

Full text available: pdf(1.25 MB)     Additional Information: <u>full citation</u>, <u>abstract</u>, <u>citings</u>, <u>index terms</u>

Computers have brought many benefits to society, but they have also created new social problems such as computer crime, software theft, computer unreliability, invasions of privacy, hacking and the creation of viruses. In turn, these problems pose ethical dilemmas for the youthful profession of computing, which has yet to develop rigid codes of ethics. This is especially the case with software theft or piracy, a widespread phenomenon and a modern version of the age-old problem of intellectual pr ...

**19** <u>Consulting through electronic mail</u>

Elizabeth R. Pohlhaus

November 1997 **Proceedings of the 25th annual ACM SIGUCCS conference on User services: are you ready?**

Publisher: ACM Press

Full text available: pdf(814.86 KB)    Additional Information: <u>full citation</u>, <u>index terms</u>

**20** <u>Placeholder: landscape and narrative in virtual environments</u>

Brenda Laurel, Rachel Strickland, Rob Tow